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## Summary

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The invention concerns a clamping and/or braking device with a housing, in which at least one plate-like element is held, which is supported, with a first end, opposite a stop area of the housing and which, with a second end, transfers clamping and/or braking forces to an object, or acts on a pressurizable element, which transfers clamping and/or braking forces to an object, wherein the plate-like element has at least one bending area which is convex in the starting state, which is constructed pressure-resistant and nevertheless elastically deformable so that the bending area forms an elastic element between the stop area of the housing and a pressurizing end of the plate-like element, wherein an essentially airtight pressure space is formed between the convex side of the at least one bending area of the at least one plate-like element and the housing, wherein the pressure space can be acted on with the excess pressure of a pressure medium which can be supplied to the housing, and wherein the at least one plate-like element and its at least one bending area are constructed in such a way that with an pressurization of the pressure space with excess pressure, as a result of a reduction of the curvature of the bending area to attain prespecified clamping and/or braking forces, a movement of the second end of the at least one pressurizable element (17) takes place in the direction of the base element (7), or an increase of the clamping and/or braking forces, which can be transferred to the object by the second end of the at least one pressurizable element, is brought about.

20 Figure 1 is the main drawing.

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